

## Patent Abstracts of Japan

PUBLICATION NUMBER : 02257191  
PUBLICATION DATE : 17-10-90

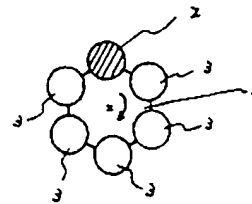
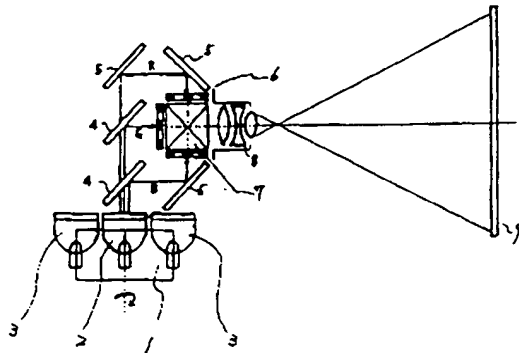
APPLICATION DATE : 30-03-89  
APPLICATION NUMBER : 01079010

APPLICANT : SEIKO EPSON CORP;

INVENTOR : SHINOZAKI JUNICHIRO;

INT.CL. : G09F 9/00 G03B 21/14 G09F 9/00

TITLE : PROJECTION TYPE DISPLAY DEVICE



ABSTRACT : PURPOSE: To eliminate the need replacing a light source from a user by rotating a light source unit group possessing two or more light source unit including a collimating means and instantaneously enabling another light source to be operable.

CONSTITUTION: The light source unit group 1 which possesses two or more light source unit 2 including the collimating means is provided. Another light source unit 3 can instantaneously be operable by rotating the light source unit group 1. When the light source unit 2 is in fault in service, the space light source unit 3 can be operable by rotating the light source unit group 1. At this time an electric source line supplying power is switched by interlocking with the light source unit to be used. Since a function which automatically rotates the light source unit group 1, the need for a user to actually replace the light source can thus be eliminated.

COPYRIGHT: (C)1990,JPO&Japio